

SBE-2 to SBE-2A MOD KIT

MODEL KIT-248

TITLE

MODEL
SBE-2AUSED ON
SECTIONQTY
1

LIST SECTIONS

- 1.SUPPORTING NOTES
- 2.SUPPORTING LISTS
- 3.ELECTRICAL/MECHANICAL
- 4.SUPP ASSY/REF DWGS
- 5.SPECIFICATIONS
- 6.LOOSE ITEMS
- 7.PARTS PECULIAR

SHEET NO.

SEE BELOW
NONE
1-6
6
6
NONE
NONE

LAST SYMBOLS

C2 S106E
C276 T108
CR110 V103
CR2 Z107
L139
R1
R249

COMPILED
CHECKED
APPROVED
FNL APPR
ISS DATE

W. GENTILE
L. GABEL
O. POSE
L. GABEL
6-10-65

MISSING SYMBOLS

N/A

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

**MATERIAL LIST /
NUMERICAL PARTS LIST**

REV.

D

MODEL: KIT-248

SHEET 1 OF 6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A4229-1	TERM. BD, MACH	A4229-2			1		
A4229-2	TERM. BD, MKG	A4229-3			1		
A4229-3	TERM. BD, SUBASSY	A4229-4			1		
BS100	SOLDER, TIN ALY	A1444 A4229-4 A4230 A4253 KIT-248					
BX217	CASE/COV, MTL	A4230			1		
CG21SL1R5C	CAP., FXD, CER	KIT-248			2	C131, 276	
CG100-33	CAP., FXD, CER	KIT-248			1	C265	
CF122-2.062	FORM, COIL	A1444		1x2	2		
CI114	CORE, ROD	A1972			1		
CI115	CORE, TOROID	A1811			1		
CI116-6	CORE, ADJ TUN.	A1444		2x2	4		
CL270-0.68	COIL, RF, FXD	A4253			1	L139	
CL270-3.3	COIL, RF, FXD	A4253			1	L137	
CL270-5.6	COIL, RF, FXD	A4253			1	L136	
CL275-823	COIL, RF, FXD	KIT-248			1	L135	
CM15B100J	CAP., FXD, MICA	A4230			1	C1	

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MODEL:

KIT-248

SHEET

2

OF

6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CM15B131J	CAP., FXD, MICA	A4253			2	C272, 273	
CM15B271J	CAP., FXD, MICA	A4253			2	C270, 271	
CM15B511J	CAP., FXD, MICA	A4253			2	C268, 269	
CM15C620J	CAP., FXD, MICA	A4253			2	C274, 275	
CM20D162G	CAP., FXD, MICA	A1444 KIT-248		2x2 1	5	C264	
CN111-3	CAP., FXD, MTLZ P	KIT-248		2 2	4	C142, 143 C144, 145	
CV11C300	CAP., VAR, CER	KIT-248			1	C141	
CV112-1	CAP., VAR, CER	A4230			1	C2	
EY100-1	EYELET, MTL	A1440		2x2	4		
FP159	SHLD, COIL	A1440		1x2	2		
FW06HBN	WASH., FLAT	A4230			1		
FW101-1	WASH., NM, N	A4230			2		
FW101-2	WASH., NM, N	A4230			2		
GL103	ADHESIVE -N-CEL	A1444					
GL104-2	INSG VARN, ELEC	A1444 A1811					
IN2008-ADDEND-NO. 1	REALIGN PROC	KIT-248			1		

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REV.

D

MODEL: KIT-248

SHEET 3 OF 6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
JJ154	CONN, RECP, RF	A4230			1		
LWE06MRN	WASH., LK, EXT	A4230			4		
LWI04MRN	WASH., LK, INT	A4230			2		
LWI08MRN	WASH., LK, INT	A1444		3x2	6		
LWI37MRN	WASH., LK, INT	A4230			1		
LWS02MRN	WASH., LK, SPLIT	KIT-248			1		
MWC22/7/U0	WIRE, ELEC, INS	KIT-248			2		
MWC22/7/U1	WIRE, ELEC, INS	KIT-248			4		
MWC22/7/U4	WIRE, ELEC, INS	KIT-248			20		
MWC22/7/U5	WIRE, ELEC, INS	KIT-248			6		
MWC22/7/U91	WIRE, ELEC, INS	KIT-248			16		
NP362-55	PLATE, MOD	KIT-248			1		
NT137-0632	NUT, PLN, HEX	A4230			1		
NTH0256BN6	NUT, PLN, HEX	KIT-248			1		
NTH0348BN6	NUT, PLN, HEX	A1444		2x2			
		A4230		2	6		
NTH0832BN8	NUT, PLN, HEX	A1444		2x2	4		
NTH3732BN16	NUT, PLN, HEX	A4230			1		

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D

MODEL:

KIT-248

SHEET

4

OF

6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
PM691FF7.75P	SHAFT,STR-1/4D	KIT-248			1		
PO104	SHAFT LK,EL COMP	A4230			1		
PX104-1-022	INS SLVG-SZ24	A4253			5		
PX104-1-106	INS SLVG-SZ10	A4230			3		
PX104-4-034	INS SLVG-SZ20	A4253			5		
PX380	TERM.BD	A1444		1x2	2		
PX930	BOARD,INS	A4230			1		
RC20GF102J	RES,FXD,COMP	KIT-248			2	R189, 244	
RC20GF471J	RES,FXD,COMP	KIT-248			4	R246,247,248,249	
RC42GF221J	RES,FXD,COMP	A4253			1	R245	
RG174/U	CBL,RF	KIT-248			8		
RV4NAYS500A	RES,VAR,COMP	A4230			1	R1	
SC143-0632B11	SCR,MACH-NYLON	A4230			1		
SCBP0348BN3	SCR,MACH	A4230			2		
SCBP0440BN26	SCR,MACH	KIT-248			2		
SCBP0632BN6	SCR,MACH	A4230			4		
SM140-2	BUSH.,COIL MTG	A1444		2x2	4		

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NUMERICAL PARTS LIST**

REV.

D

MODEL: KIT-248

SHEET 5 OF 6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TE104-3	TERM., LUG-LKG	A1444		1x2	2		
TE111-2	TERM., LUG-3/8D	A4230			1		
TE115-1	TERM., STUD-INS	KIT-248			1		
TE117-28	SPACER, SLV	KIT-248			2		
TE135-5	NUT, PLN, RD	A4230			2		
TE167	BRKT, ANG-THD	A1440		2x2	4		
TE168-4B	TERM., STUD-FDTHR	A4229-3 PX380		5 5x2	15		
TE181-2	TERM., LUG-COLLAR	A1444		1x2	2		
WA109-5	WASH., NM	A4230			1		
WA109-6	WASH., NM	A4230			1		
WI102-9-6	WIRE, ELEC, MAG, EZ	A1811					
WI102-9-9	WIRE, ELEC, MAG, EZ	A1811					
WI107-5	WIRE, ELEC, MAG, DS	A1972			5		
WI107-17	WIRE, ELEC, MAG, DS	A1444					
WL100-6	WIRE, ELEC, BUSS	A4253			7		
WL100-7	WIRE, ELEC, BUSS	A4230 A1444			1		
WS137	SW SECT., ROT.	A4253			1	S106E	

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D

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SHEET 6 OF 6

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
1N34A	SCOND DEV,DIO	A4229-4			2	CR1,2	
1N100	SCOND DEV,DIO	KIT-248			3	CR104,105,106	
1N3070	SCOND DEV,DIO	KIT-248			1	CR110	
6C4	ELECTRON TUBE	KIT-248			2	V102, 103	
SUPP ASSY/REF DWGS							
A1440	CAN ASSY	A1444		1x2	2		
A1444	XFMR,RF,270KC	KIT-248			2	T107,108	
A1811	TF172 ASSY	TF172			Ø		
A1972	CL241 ASSY	CL241			Ø		
A4229-4	TERM.BD,HF MOD	A4230			1		
A4230	NW127 ASSY	NW127			Ø		
A4253	SW SECTION ASSY	KIT-248			1		
CL241	COIL,RF,FXD	A4253			1	L138	
NW127	HF MODULATOR	KIT-248			1	Z107	
TF172	XFMR,RF	A4230			1	T1	
SPECIFICATIONS							
S952	INSTL INST	KIT-248			1		

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REVISION SHEET

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NEW YORK

KIT-248

LIST NO.

DATE	REV.	SHEET	EMN #	DESCRIPTION	APP.
9/2/65	A	-----	14723	Revised cover and sheets 1 and 3 per EMN	<i>WJ</i>
12/14/65	B	3,4,1	15404	Revised per EMN	<i>WJ</i>
12/22/65	C	2	15463	Revised per EMN	<i>WJ</i>
4/19/66	D	all	16109	Revised per EMN	<i>WJ</i>